

- ✓ Claim 26, line 1, change "any of claims 7 to 9" to --claim 7--.
- ✓ Claim 27, line 1, change "any of claims 17 to 26" to --claim 17--.
- ✓ Claim 29, line 1, delete ",or 28".
- ✓ Claim 31, line 1, change "either claims 29, or 30" to --claim 29--.
- ✓ Claim 32, line 1, change "any of claims 29 to 31" to --claim 29--.
- ✓ Claim 33, lines 3 and 4, delete in their entirety and insert --in claim 1--.
- ✓ Claim 34, lines 3 and 4, delete in their entirety and insert --claimed in claim 1--.
- ✓ Claim 35, lines 2 and 3, delete "and a transmitter as claimed in claim 34".

IN THE ABSTRACT OF THE DISCLOSURE

Please insert the following new Abstract:

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a1  
--A multi-carrier transmission system which exchanges control information between a transmitter and a receiver. The information is generated in the receiver and terminated in the transmitter. The information includes data with all the instantaneous characteristics of the channel and information about system change decisions needed to handle the change in channel characteristics. In systems that use bit-loading techniques, the number of transmitted bits per symbol is adapted to the signal-to-noise ratio of the current carrier wave. This regulation dynamically affects in time the total bandwidth of the system. This variation in bandwidth leads to an absolute system requirement for synchronous configuration of the transmitter and the receiver, in terms of the number of coded/decoded bits per symbol and carrier wave. This requirement must be met so that the system can maintain a connection.--